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DATE: DECEMBER 16, 2005

NUMBER OF PAGES (INCLUDING  
THIS TRANSMITTAL COVER SHEET): 8

OUR REFERENCE: 232444

FROM: JOHN KILYK, JR.  
REGISTRATION NO. 30,763

DIRECT LINE: (312) 616-5665

TO: MAIL STOP Amendment  
UNITED STATES PATENT AND TRADEMARK OFFICE  
COMMISSIONER FOR PATENTS  
ALEXANDRIA, VA 22313

FACSIMILE NUMBER: (571) 273-8300

IN RE APPLN. OF: Inoue et al.  
APPLICATION NO. 10/519,593  
FILED: March 10, 2005

DOCKET NO.: 232444 (Client Reference No. 201307)

**ATTACHED PLEASE FIND THE FOLLOWING DOCUMENTS:**

- FORM PTO-1083 (1 PAGE, IN DUPLICATE)
- REPLY TO OFFICE ACTION (5 PAGES)

A confirmation copy of the transmitted document will:

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FORM PTO-1083

**PATENT**  
 Attorney Docket No. 232444  
 Client Reference No. 201307  
 Date: December 16, 2005

In re Application of: Inoue et al.  
 Application No. 10/519,593  
 Filed: March 10, 2005

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a reply to office action in the subject application.

- ☐ Small entity status is claimed for this application under 37 CFR 1.27.
- ☒ Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- ☐ Other:
- ☒ Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

					SMALL ENTITY		OTHER THAN A SMALL ENTITY	
TIME EXTENSION PETITION FEE			none		\$ 0.00		\$ 0.00	
subtract time extension fee previously paid			none		(\$ 0.00)		(\$ 0.00)	
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADD'L CLAIM FEE	RATE	ADD'L CLAIM FEE
TOTAL	8	MINUS	20	= 0	x 25 =	\$	x 50 =	\$0.00
INDEPENDENT	1	MINUS	3	= 0	x 100 =	\$	x 200 =	\$0.00
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM				+ 180 =	\$	+ 360 =	\$0.00
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT					TOTAL	\$	TOTAL	\$0.00

- ☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,  
 LEYDIG, VOIT & MAYER, LTD.

Leydig, Voit & Mayer, Ltd.  
 Two Prudential Plaza, Suite 4900  
 180 North Stetson Avenue  
 Chicago, Illinois 60601-8780  
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 (312) 616-5700 (facsimile)

By   
 John Kilyk, Jr., Reg. No. 30,763

Amendment or ROA Transmittal (Revised 5/9/05)

FORM PTO-1083

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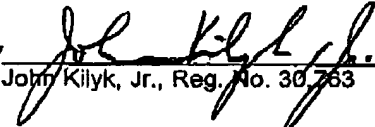
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subtract time extension fee previously paid			none		(\$ 0.00)		(\$ 0.00)	
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADD'L CLAIM FEE	RATE	ADD'L CLAIM FEE
TOTAL	9	MINUS	20	= 0	x 25 =	\$	x 60 =	\$0.00
INDEPENDENT	1	MINUS	3	= 0	x 100 =	\$	x 200 =	\$0.00
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM				+ 180 =	\$	+ 360 =	\$0.00
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT					TOTAL	\$	TOTAL	\$0.00

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By   
 John Kilyk, Jr., Reg. No. 30,763

Amendment or ROA Transmittal (Revised 5/9/05)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/519,593

Applicant: Inoue et al.

Filed: March 10, 2005

TC/AU: 1711

Examiner: M. D. Bissett

Docket No.: 232444 (Client Reference No. 201307)

Customer No.: 23460

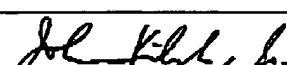
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P.O. Box 1450  
Alexandria, VA 22313-1450

## REPLY TO OFFICE ACTION

Sir:

In reply to the Office Action dated September 27, 2005, please consider the following remarks.

Remarks/Arguments begin on page 2 of this paper.

TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10			
I hereby certify that this document and all accompanying documents are, on the date indicated below, being <input checked="" type="checkbox"/> facsimile transmitted to the U.S. Patent and Trademark Office at fax number: (571) 273-8300.			
Name (Print/Type)	John Kilyk, Jr.		
Signature		Date	December 16, 2005